

10/516,454

d his full

(FILE 'HOME' ENTERED AT 13:35:59 ON 10 NOV 2005)

FILE 'CASREACT' ENTERED AT 13:36:10 ON 10 NOV 2005

L1           STRUCTURE UPLOADED  
              D  
L2           STRUCTURE UPLOADED  
              D  
L3           2 SEA SSS SAM L1 (       3 REACTIONS)  
L4           39 SEA SSS FUL L1 (    182 REACTIONS)  
L5           0 SEA SSS SAM L2 (       0 REACTIONS)  
L6           3 SEA SSS FUL L2 (       7 REACTIONS)

FILE 'HCAPLUS' ENTERED AT 13:37:20 ON 10 NOV 2005

L7           39 SEA L4  
L8           1 SEA L7 AND FRIEDEL-CRAFTS  
              D IBIB ABS  
L9           0 SEA L7 AND HETEROPOLYACID  
L10           0 SEA L7 AND SOLID ACID  
L11           0 SEA L7 AND (PHOSPHORUS OR SILICON OR GERMANIUM OR ARSENIC)  
L12           0 SEA L7 AND (MOLYBDENUM OR TUNGSTEN)  
L13           3 SEA L6  
L14           0 SEA L13 AND (HETEROPOLYACID OR SOLID ACID OR PHOSPHORUS OR  
              SILICON OR GERMANIUM OR MOLYBDENUM OR ARSENIC OR TUNGSTEN)  
              D L13 1-3 IBIB ABS

FILE 'HCAPLUS, CAOLD, USPATFULL, EPFULL' ENTERED AT 13:41:24 ON 10 NOV  
2005

L15           37979 SEA AROMATIC COMPOUND OR AROMATIC KETONE OR AROMATIC ACID OR  
              AROMATIC CARBOXYLIC ACID OR AROMATIC ALCOHOL  
L16           8532 SEA L15 AND (ACYLAT? OR ALKYLAT?)  
L17           1192 SEA L16 AND FRIEDEL-CRAFTS  
L18           707 SEA L17 AND (ESTER OR ?LACTONE)  
L19           20 SEA L18 AND (HETEROPOLYACID OR SOLID ACID)  
L20           9 SEA L19 AND (SUPPORT? OR CARRIER)  
              D 1-9 IBIB ABS

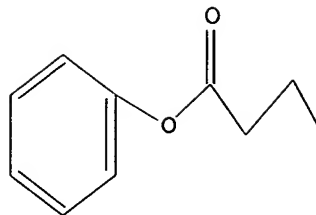
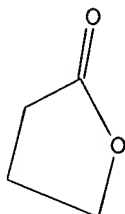
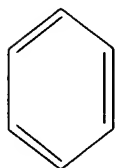
10/516,454

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=>

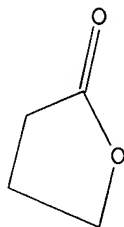
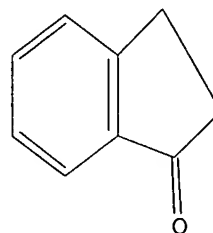
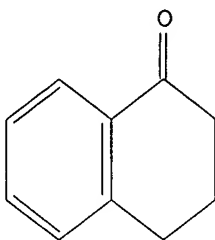
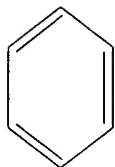
Uploading C:\Program Files\Stnexp\Queries\454-2.str

L2 STRUCTURE UPLOADED

=> d

L2 HAS NO ANSWERS

L2 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 13:36:55 FILE 'CASREACT'

SCREENING COMPLETE - 285 REACTIONS TO VERIFY FROM

34 DOCUMENTS

100.0% DONE

285 VERIFIED

3 HIT RXNS

2 DOCS

10/516,454

SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED VERIFICATIONS: 4688 TO 6712  
PROJECTED ANSWERS: 2 TO 124

L3 2 SEA SSS SAM L1 ( 3 REACTIONS)

=> s l1 full

FULL SEARCH INITIATED 13:37:01 FILE 'CASREACT'  
SCREENING COMPLETE - 6714 REACTIONS TO VERIFY FROM 488 DOCUMENTS

100.0% DONE 6714 VERIFIED 182 HIT RXNS 39 DOCS  
SEARCH TIME: 00.00.02

L4 39 SEA SSS FUL L1 ( 182 REACTIONS)

=> s l2

SAMPLE SEARCH INITIATED 13:37:06 FILE 'CASREACT'  
SCREENING COMPLETE - 47 REACTIONS TO VERIFY FROM 5 DOCUMENTS

100.0% DONE 47 VERIFIED 0 HIT RXNS 0 DOCS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED VERIFICATIONS: 529 TO 1351  
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L2 ( 0 REACTIONS)

=> s l2 full

FULL SEARCH INITIATED 13:37:11 FILE 'CASREACT'  
SCREENING COMPLETE - 652 REACTIONS TO VERIFY FROM 84 DOCUMENTS

100.0% DONE 652 VERIFIED 7 HIT RXNS 3 DOCS  
SEARCH TIME: 00.00.01

L6 3 SEA SSS FUL L2 ( 7 REACTIONS)